

# Variable Speed Peristaltic Pump

Item Number: KT-VSP



## Introduction

KT-VSP Series Smart Variable Speed Peristaltic Pumps offer precise flow control for labs, medical, and industrial applications. Reliable, contamination-free liquid transfer.

[Learn More](#)

Parameter	Description
Product Models	KT-VSP-01, KT-VSP-02, KT-VSP-03, KT-VSP-04
Power Supply Voltage	AC100V AC250V 50Hz/60Hz or DC100V DC275V
Standby Power (Stopped)	<11W
Normal Operating Power	<20W
Startup Power	<40W
Display Method	3-Digit LED
Speed Adjustable Range	0.1-200 rpm
Speed Resolution (rpm)	0.1 rpm (speed ≤ 100 rpm); 1 rpm (speed > 100 rpm)
Timing Range	0.1 sec - 99 hours
Timing Accuracy	<20 ms
Timing Adjustment Method	Manual: Stepped Adjustment
Communication	Continuous Adjustment
Internal Control	Speed, Start/Stop, Forward/Reverse, Full Speed
External Control	0-10KHz, 0-5V, 0-10V, 4-20mA, RS485, Footswitch
External Functions	Start/Stop Control, Direction Control, Speed Control
Number of Rollers	3
Working Environment	Temperature 0-40°C, Humidity <80% (non-condensing)
Protection Class	IP31
Net Weight	2.6 KG
Product Dimensions	290 x 142 x 148 mm